

BROOKS & KUSHMAN P.C.

Law Offices

*Intellectual Property and Technology Related Causes***FAX RECEIVED**
FEB 28 2003
T.C. 2800**FACSIMILE TRANSMITTAL**

Telephone: (248) 358-4400

Facsimile: (248) 358-3351

FAX RECEIVED
FEB 28 2003
T.C. 2800**Please notify us immediately if any pages are not received or are illegible**To: Examiner GonzalezCompany: Patent OfficeLocation: Washington, D.C.Facsimile No: 703-746-4165Telephone No: 703-305-1563From: Frank DukeDate: February 28, 2003

Approx. Time: _____

File No: FMC1263PUSPages (w/cover): 8

This communication contains confidential information which is intended only for the use of the addressee. It may also contain information that is protected by the Attorney-Client Privilege or the Attorney Work Product Doctrine. Copying or distribution of this communication by persons other than the addressee is prohibited.

IF YOU HAVE RECEIVED THIS COMMUNICATION IN ERROR, PLEASE NOTIFY US IMMEDIATELY BY TELEPHONE AT (248) 358-4400 AND RETURN THE ORIGINAL MESSAGE TO US BY UNITED STATES MAIL AT THE BELOW ADDRESS.

Message:**Serial No. 09/663,515**

Per our conversation, attached is the Response After Final Amendment that was originally faxed to the Patent Office on January 29, 2003.

FAX RECEIVED
FEB 28 2003
T.C. 2800

If there are any problems during transmission, please call Donna Blawie (248) 358-4400.

FAX RECEIVED
FEB 28 2003
T.C. 28001000 Town Center, Twenty-Second Floor
Southfield, Michigan 48075

Received from <248 358 3351> at 2/28/03 8:59:16 AM [Eastern Standard Time] -- Facsimile: (248) 358-3351

APPLICANT AVOID UNNECESSARY DELAYS BY FAXING YOUR RESPONSE AFTER FINAL DIRECTLY
TO GROUP 2834 USING THIS COVER SHEET AT 703-308-7722

GROUP 2834 PERSONNEL: THIS DOCUMENT TO FOLLOW IS A

RESPONSE AFTER FINAL

Serial No.: 09/663,515

Atty. Docket No.: FMC 1263 PUS / 200-0029

SPECIAL STATUS

This facsimile transmission contains privileged and confidential information intended for Group 2834 personnel only. If you are not the intended recipient, you are hereby notified that any dissemination or copying is strictly prohibited. If improperly received, immediately contact the sender whose name and number are listed in this document.

Certificate of Transmission under 37 C.F.R. § 1.8

I hereby certify that this correspondence is being facsimile transmitted to the United States Patent and Trademark Office on January 29, 2003 at facsimile number 703-308-7722:

Number of Sheets
(including cover): 7


Signature

A. Frank Duke

Typed or Printed Name of person signing Certificate

BROOKS & KUSHMAN P.C.

1000 Town Center, 22nd Floor
Southfield, Michigan 48075

Telephone: (248) 358-4400 -- Facsimile (248) 358-3351

Note: Each paper must have its own certificate of transmission

Response Under 37 C.F.R. § 1.116 -
Expedited Procedure - Examining Group 2834

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

Group Art Unit: 2834

DALE SCOTT CROMBEZ ET AL

Examiner: JULIO C. GONZALEZ

Serial No.: 09/663,515

Filed: SEPTEMBER 15, 2000

For: METHOD AND APPARATUS FOR REDUCING ENGINE CYCLING IN
HYBRID ELECTRIC VEHICLE

Attorney Docket No.: FMC 1263 PUS / 200-0029

AMENDMENT UNDER 37 C.F.R. § 1.116

Box AF
Commissioner for Patents
United States Patent and Trademark Office
Washington, D.C. 20231

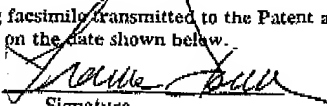
Sir:

In response to the final Office Action mailed December 4, 2002, please amend
the above-identified application as follows:

In The Claims:

Please cancel Claims 1, 3, 4, 10-15 without prejudice

Please replace claims 5-9 as shown below. A marked-up version of the
amended claims is attached to this Amendment.

| CERTIFICATE OF FACSIMILE TRANSMISSION | | |
|--|---|------------------|
| I hereby certify that this paper is being facsimile transmitted to the Patent and Trademark Office, Examiner Julio C. Gonzalez, Group 2834, (703) 308-7722, on the date shown below. | | |
| A. Frank Duke |  | January 29, 2003 |
| Name of Person | Signature | Date |
| Signing Certification | | |

S/N: 09/663,515

Atty Dkt No. FMC 1263 PUS / 200-0029

5. (Amended) The method of Claim 9 wherein said auxiliary system is a brake booster vacuum system.

6. (Amended) The method of Claim 9 wherein said auxiliary system is an air conditioning and heating system.

7. (Amended) The method of Claim 9 wherein said auxiliary system is a purge vapor system.

8. (Amended) The method of Claim 9 wherein said auxiliary system is a catalyst system.

9. (Amended) A method of reducing the number of times a main power unit of a hybrid electric vehicle is activated to support a plurality of auxiliary system of the vehicle during a given drive cycle comprising a sequence of the following steps:

determining the ON/OFF status of said unit;

if the unit is ON requesting that the unit be maintained ON until the value of an auxiliary system parameter exceeds a first threshold value wherein said first threshold value is a unit ON auxiliary system threshold value;

if the unit is OFF requesting that the unit be turned ON when the value of said parameter falls below a second threshold value wherein said second threshold value is a unit OFF auxiliary system threshold value;

setting said unit OFF auxiliary system threshold value when the status of said unit is OFF;

setting said unit ON auxiliary system threshold value when the status of said unit is ON; and

wherein said step of requesting that a unit ON status be maintained is performed if a predetermined parameter in any of said plurality of auxiliary systems is below respective unit ON auxiliary system threshold values, and said step of requesting a unit ON status is performed if a predetermined parameter in any of said plurality of auxiliary systems is below respective unit OFF auxiliary system threshold value.